

Fig. 6 is a front to back view of a ski or snowboard with grind plates 7, attached outside of the edges 4. The top 1, bottom 3 and side edges 4 are shown for clarity. The grind plates 7 can be made of plastic, metal or composite materials.

Fig. 7 is a front to back view of the ski or snowboard in Fig. 6, showing the grind plates 7, removed from the ski or snowboard. The top 1, bottom 3, and side edges 4 are shown for clarity. The grind plates 7 can be made of plastic, metal or composite materials.

Fig. 8 is a front to back representation of a ski or snowboard grinding/sliding from left to right 9, on an object 8. This figure shows how the edges 4, come into contact with the object 8, the ski or snowboard is grinding/sliding on. This is how the edges 4, become dull and damaged. The top 1, and bottom 3, of the ski or snowboard are shown for clarity.

Fig. 9 is a front to back representation of a ski or snowboard sliding/grinding from left to right 9, on an object 8. This figure shows how the grind plates 7, work to protect the edges 4, during sliding or grinding. The top 1 and bottom 3 are shown for clarity.

Fig. 10 is a side representation of a ski or snowboard grinding/sliding into the page (away from the viewer) 10, on an object 8. This figure shows why it is of particular interest to have removable edge sections 6. This is because during grinding and sliding, the edges 4, incur most damage to the center sections 4.1. It is also of particular interest to make the removed edge sections 4.1 out of different materials. This is because soft metals, plastics and composite materials will work best for grinding or sliding, while; other hard metals, plastics and composite materials work best for conventional skiing or snowboarding. By having the ability to combine both to a single ski or snowboard a user will get more usability, durability and specificity out of a single pair of skis or a snowboard.

Claims

Edges:

1. A ski or snowboard of which the edges can be removed and replaced in sections.
2. The edges or edge sections can be made of metal, plastic or composite materials.
3. The edge materials can be inter-matched.
4. The edges or edge sections can vary in flexibility to complement a ski or snowboard.
5. The edge shape will vary depending on its purpose.
6. The Edge mounting system will vary to accommodate different skis and snowboards; the method of fitting and securing edges may consist of: screws, bolts, nuts, clips, tongue and groove and any other method that may be needed to accommodate specific ski and snowboard designs.